

XP-002252787

84:136272

- Aqueous acrylic or methacrylic acid salt solutions
- IN - Yada, Akira; Akino, Hiroshi; Takigami, Ichiro
- PA - Toa Gosei Chemical Industry Co., Ltd., Japan
- SO - Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

- DT - Patent
- LA - Japanese

FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	JP50142511	A	19751117	JP 1974-52273	19740513
PR	JP 1974-52273			19740513	

- AB - Stable aq. acrylic or methacrylic acid salt solns. were prepd. by adding alkali to aq. acrylic (I) [79-10-7] or methacrylic acid (II) [79-41-4] solns. contg. polymn. inhibitors and active C to effect neutralization or by adding I or II contg. polymn. inhibitors and alkali to active C in H2O to effect neutralization. Thus, 305 g I contg. 200 ppm hydroquinone Me ether (III) [150-76-5] and 340 g 50 wt.% NaOH were added slowly to 425 g H2O contg. 3.8 g active C at 30-40.degree. in 40 min to give a I Na salt [7446-81-3] soln. contg. 4.5 ppm III, which was polymd. to give a colorless gel, whereas polymn. occurred in 30 min during the neutralization in the absence of H2O.

- IT - 7446-81-3P
- RL: PREP (Preparation)
- (manuf. of aq. solns. of, polymn. inhibition in)
- RN - 7446-81-3 CAPLUS
- CN - 2-Propenoic acid, sodium salt (9CI) (CA INDEX NAME)

12932

12932A/07 A41 E12 TOAG 13.05.74
TOA GOSSEI CHEM IND LTD *J50142-511
13.05.74-JA-052273 (17.11.75) C07c
Stable aq. acrylic or methacrylic acid salt solns. - prepd. by adding
alkali to the acid soln. contg. polymerisation inhibitors and active
carbon

Stable aq. acrylic or methacrylic acid salt solns. were
prepd. by adding alkali to aq. acrylic or methacrylic acid
solns. contg. polymerisation inhibitors and active C to
effect neutralization or by adding acrylic or methacrylic
acid contg. polymerisation inhibitors and alkali to active
C in H₂O to effect neutralisation.

In an example, 305 g acrylic acid (I) contg. 200 ppm
hydroquinone Me ether (II) and 340 g 50 wt. % NaOH were
added to slowly to 425 g H₂O contg. 3.8 g active C at
40-40° in 40 min. to give a (I) Na soln. contg. 4.5 ppm
(II) which was polymerised to give a colourless gel.

A(I-D8, 2-C) E(I0-C4G, 10-E2F, 31-N4).

J50142511

BEST AVAILABLE COPY

16